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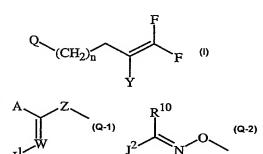
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#### (54) Title: INSECTICIDAL AND NEMATICIDAL DIFLUOROALKENE DERIVATIVES



(57) Abstract: Disclosed are compounds of Formula I, and their N-oxides and suitable salts thereof, which are useful for controlling invertebrate pests. I wherein Q is Q-1 or Q-2; Y is H, F, Cl or CH<sub>3</sub>; A is CN, C<sub>1</sub>-C<sub>6</sub> alkyl, OR<sup>la</sup>, SR<sup>la</sup>, NR<sup>la</sup>R<sup>2a</sup> or CONR<sup>lb</sup>R<sup>2b</sup>; Z is O, S or NR<sup>3</sup>; W is N or CR<sup>4</sup>; and J<sup>1</sup>, J<sup>2</sup>, R<sup>la</sup>, R<sup>2a</sup>, R<sup>lb</sup>, R<sup>2b</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>10</sup> and n are as defined in the disclosure. Also disclosed are methods for controlling an invertebrate pest comprising contacting the invertebrate pest or its environment with a biologically effective amount of a compound of Formula I, an N-oxide thereof or a suitable salt of the compound (e.g., as a composition described herein). This invention also pertains to a composition for controlling an invertebrate pest comprising a biologically effective amount of a compound of Formula I, anN-oxide thereof or a suitable salt of the compound and at least one additional com-

ponent selected from the group consisting of a surfactant, a solid diluent and a liquid diluent.